

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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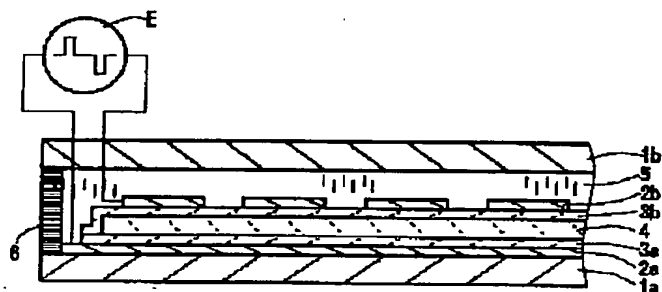
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TITLE : MANUFACTURE OF THIN FILM  
ELECTROLUMINESCENT ELEMENT



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide the manufacturing method of an EL element using an alkali earth metal sulfide as a luminescent layer, with high luminescent brightness and high life characteristics in spite of using a non-alkali glass substrate.

**SOLUTION:** In the manufacturing method of a thin EL element formed by laminating a first electrode 2a, a first insulating layer 3a, a luminescent layer 4, a second insulating layer 3b, and a second electrode 2b on a non-alkali glass substrate 1a in order, at least after the luminescent layer 4 is formed, the non-alkali glass substrate 1a is held at a temperature which is a deformation limit temperature or lower in a single heat treatment method and a first holding temperature near to the deformation limit temperature, then heat treated at a second holding temperature higher than the first holding temperature.

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